

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	41	(oel oled (organic with (led el electroluminescent)))and peltier	USPAT	OR	OFF	2007/03/02 00:51
L6	165	(oel oled (organic with (led el electroluminescent)))and peltier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 00:53
L7	66	(peltier pelt) and ((organic with electroluminesce\$) oled (organic with emitting))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/02 00:51
L8	165	(oel oled (organic with (led el electroluminescent))) and peltier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 00:53
S1	2	peltier and semiconductor and (heat with (absor\$5 radiat\$ conduct\$6)) with electrode and oled	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 18:07
S2	3	peltier and semiconductor and (heat with (absor\$5 radiat\$ conduct\$6)) and oled	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 18:04
S3	1	S2 not S1	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 18:04
S4	54	(peltier pelt) and ((organic with electroluminesce\$) oled (organic with emitting))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/02 00:51
S5	618	((organic with electroluminesce\$) oled (organic with emitting)) and ((heat\$3 thermal\$3) with (absorbing absor\$5 adsor\$5)) and ((heat\$3 thermal\$3) with (radiat\$4 conduct\$4))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 18:41

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S6	16	((organic with electroluminesce\$) oled (organic with emitting)) and (((heat\$3 thermal\$3) with (absorbing absor\$5 adsor\$5)) with electrode) and ((heat\$3 thermal\$3) with ((radiat\$4 conduct\$4)) with electrode)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:23
S7	43	((organic with electroluminesce\$) oled (organic with emitting)) and (((heat\$3 thermal\$3) with (absorbing absor\$5 adsor\$5)) with electrode)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 21:11
S29	89	connect\$4 with electrode with peltier	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 04:37
S30	7	connect\$4 with electrode with peltier and display	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 04:37
S31	8	connect\$4 with electrode with peltier and display	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 04:38
S32	120	peltier same substrate same light	USPAT	OR	OFF	2006/04/17 05:26
S33	28	(oel oled (organic with (led el electroluminescent)))and peltier	USPAT	OR	OFF	2007/03/02 00:51
S35	10	("5332946"   "5661371"   "5686792"   "5808412"   "5844362").PN. OR ("6201346").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 08:34
S36	10	("5332946"   "5661371"   "5686792"   "5808412"   "5844362").PN. OR ("6201346").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 08:41
S37	10	("5909081"   "6201346"   "6242858"   "6605826"   "6667567"   "6686063"   "6750599"   "6777621"   "6819045").PN. OR ("6876148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 08:49
S38	37	transparent with peltier	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 08:49
S39	11	("3075360"   "3212999"   "3366164"   "3390018"   "3635037"   "5544487").PN. OR ("6067802").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 09:05
S40	2	peltier and oled	USPAT	OR	OFF	2006/04/20 20:47
S41	16	peltier and organic with el	USPAT	OR	OFF	2006/04/20 20:49

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S42	5	peltier and organic with electroluminescent	USPAT	OR	OFF	2006/04/20 20:50
S43	17	peltier and organic with led	USPAT	OR	OFF	2006/04/20 20:51
S44	41	peltier and organic with led	US-PGPUB	OR	OFF	2006/04/20 20:51
S45	2	313/498-512.ccls. and peltier with element	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 21:02
S46	5	313/498-512.ccls. and peltier	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 21:02
S83	622	peltier and metal with substrate	USPAT	OR	ON	2007/03/02 00:51
S84	129	peltier and metal with substrate with semiconductor	USPAT	OR	ON	2006/04/29 21:41
S85	16	peltier with transparent	USPAT	OR	ON	2006/04/29 21:41
S86	33	("3054842"   "3167926"   "3370434"   "3834171"   "5038569").PN. OR ("5724818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/29 22:37
S87	135	peltier and metal with substrate and "n-type"	USPAT	OR	OFF	2006/04/29 22:37
S88	148	peltier and metal with substrate and "n-type"	USPAT	OR	ON	2006/04/29 22:38
S89	30	peltier and metal with substrate with "n-type"	USPAT	OR	ON	2006/04/29 22:38
S90	7	peltier same metal with substrate with "n-type"	USPAT	OR	ON	2006/04/29 22:40
S91	2	("4238759"   "4685081").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/29 22:40
S92	30	peltier and metal with substrate with "n-type"	USPAT	OR	ON	2006/04/29 22:55
S93	23	S92 not S90	USPAT	OR	ON	2006/04/29 22:40
S94	133	peltier and metal same (metal with "n-type")	USPAT	OR	ON	2006/04/29 22:44
S95	42	peltier and substrate same (metal with "n-type")	USPAT	OR	ON	2006/04/29 22:45
S96	12	S95 not S92	USPAT	OR	ON	2006/04/29 22:44
S97	208	peltier and substrate same (metal with semiconductor)	USPAT	OR	ON	2006/04/29 22:46
S98	129	peltier and substrate with metal with semiconductor	USPAT	OR	ON	2006/04/29 22:46

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S99	27	peltier same substrate with metal with semiconductor	USPAT	OR	ON	2006/04/29 22:46
S100	1	peltier and metal with substrate with "n-type"	USOCR	OR	ON	2006/04/29 22:55
S101	6	("5613748"   "5953053"   "6114715"   "6259423"   "6724529"   "6744416").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/30 02:43
S105	22	double with side? with organic with (el electroluminescent)	JPO; DERWENT	OR	OFF	2006/04/30 04:51
S106	3	double with side? with organic with (el electroluminescent)	USPAT	OR	OFF	2006/04/30 04:55
S108	126	backlight same double with side\$1	US-PGPUB; USPAT	OR	OFF	2006/04/30 04:57
S109	3	backlight same double with side\$1 and (oled "organic electroluminescent" "organic el")	US-PGPUB; USPAT	OR	ON	2006/04/30 04:59
S110	92	backlight with double with side\$1	US-PGPUB; USPAT	OR	ON	2006/04/30 04:59
S111	82	backlight with double with side\$1 and liquid adj crystal	US-PGPUB; USPAT	OR	ON	2006/04/30 04:59
S112	31	backlight with double with side\$1 and liquid adj crystal	USPAT	OR	ON	2006/04/30 05:02
S113	3	backlight with double with side\$1 and liquid adj crystal and ("organic el" electroluminescent oled)	USPAT	OR	ON	2006/04/30 05:02
S133	3	double adj sid\$2 with oled with display	US-PGPUB	OR	ON	2006/05/01 02:35
S134	4	double adj sid\$2 with oled with display	US-PGPUB; USPAT	OR	ON	2006/05/01 02:43
S135	9	double adj sid\$2 with oled with display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:44
S136	5	dual adj sid\$2 with oled with display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:46
S137	11	double with sid\$2 with oled with display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:47

## EAST Search History

S13 8	25	double with sid\$2 with "organic el" with display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:52
S13 9	5	("3037138"   "4741976"   "6476552"   "6771020").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 02:48
S14 0	114	double with sid\$2 with display and (organic with (el electroluminescent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:53
S14 1	109	double adj sid\$2 with display and (oled (organic with (el electroluminescent)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:56
S14 2	7	double adj sid\$2 with display and (oled (organic with (el electroluminescent)))	USPAT	OR	ON	2006/05/01 03:37
S14 3	30	double adj sid\$2 with display and (oled (organic with (el electroluminescent))) and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 02:57
S14 4	35	double adj sid\$2 with (backlight (back adj light))	USPAT	OR	ON	2006/05/01 03:43
S14 5	0	double adj sid\$2 with (backlight (back adj light)) and organic with (el electroluminescent)	USPAT	OR	ON	2006/05/01 03:38
S14 6	0	double adj sid\$2 with (backlight (back adj light)) and oled	USPAT	OR	ON	2006/05/01 03:38
S14 7	3	double adj sid\$2 with (backlight (back adj light)) and electroluminescent	USPAT	OR	ON	2006/05/01 03:44
S14 8	11	double adj sid\$2 with (backlight (back adj light)) and electroluminescent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 03:44
S14 9	1743	313/11,45,46.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 04:36

## EAST Search History

S15 0	14	S149 and peltier	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 04:36
S15 1	2	09/305145	USPAT	OR	OFF	2006/09/16 18:05
S15 2	6	("4940922"   "6114807"   "6135840"   "6181053").PN. OR ("6316867"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/16 18:06